

## ABSTRACT

A motor housing assembly houses a motor having a casing defining an axial length and an output shaft extending from the casing. The assembly includes a housing defining a cavity with an open end for receiving the motor and a partially closed end opposite the open end. The housing has a length larger than the axial length of the casing such that the entire casing of the motor can be received within the cavity. The assembly further includes an end cap configured to substantially close the open end of the housing and retain the motor in the housing, a first isolator member configured to be sandwiched between the casing and the end cap to substantially isolate the motor from both the housing and the end cap, and a second isolator member configured to be sandwiched between the casing and the housing to substantially isolate the motor from the housing.

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